

**S11 Table.** Sequence abundance weighted OTU overlap between/among technical replicates at different sequence depth

# of Sequences resampled	With singletons			Without singletons		
	# of OTU	Sequences overlap		OTU#	Sequences overlap	
		Between two tags	Among three tags		Between two tags	Among three tags
160000	24745	<b>0.9530</b>	<b>0.9379</b>	14399	<b>0.9742</b>	<b>0.9587</b>
150000	24088	<b>0.9513</b>	<b>0.9357</b>	14362	<b>0.9729</b>	<b>0.9570</b>
120000	21862	<b>0.9448</b>	<b>0.9267</b>	14018	<b>0.9665</b>	<b>0.9487</b>
100000	20129	<b>0.9385</b>	<b>0.9185</b>	13647	<b>0.9608</b>	<b>0.9409</b>
80000	18158	<b>0.9309</b>	<b>0.9085</b>	13018	<b>0.9525</b>	<b>0.9296</b>
60000	15813	<b>0.9192</b>	<b>0.8924</b>	12141	<b>0.9391</b>	<b>0.9117</b>
50000	14615	<b>0.9105</b>	<b>0.8814</b>	11366	<b>0.9329</b>	<b>0.9037</b>
30000	11341	<b>0.8819</b>	<b>0.8433</b>	9510	<b>0.9025</b>	<b>0.8640</b>
20000	9328	<b>0.8511</b>	<b>0.8035</b>	8087	<b>0.8716</b>	<b>0.8218</b>
10000	6531	<b>0.7849</b>	<b>0.7203</b>	5953	<b>0.8027</b>	<b>0.7348</b>
5000	4309	<b>0.7140</b>	<b>0.6317</b>	4098	<b>0.7238</b>	<b>0.6363</b>
2000	2501	<b>0.5668</b>	<b>0.4705</b>	2339	<b>0.5957</b>	<b>0.4960</b>
1000	1540	<b>0.4672</b>	<b>0.3630</b>	1514	<b>0.4708</b>	<b>0.3610</b>
500	892	<b>0.3807</b>	<b>0.2760</b>	899	<b>0.3817</b>	<b>0.2733</b>
200	437	<b>0.2542</b>	<b>0.1717</b>	429	<b>0.2433</b>	<b>0.1450</b>
100	230	<b>0.2033</b>	<b>0.1267</b>	239	<b>0.1867</b>	<b>0.1333</b>